## ABSTRACT

Process and device for synchronizing an MPEG decoder.

The process is characterized in that it comprises:
- a step of calculating an actual instant of presentation Tpres of the video of an image, this instant relating to a local clock LSTC,
- a step of calculating an offset STCO between this calculated instant of presentation and the PTS label corresponding to the instant of presentation desired by the coder for the video of this image, so as to define a virtual clock VSTC = STCO + LSTC,
- the presentation of the video corresponding to this image being made at the PTS dates relating to the virtual clock VSTC.

The applications relate to satellite decoders, digital television receivers utilizing a hard disc for recording coded data and an MPEG decoder.

Fig. 1.